Index of Claims

| Application/Control N | 0 | N | ı | o | ntr | 10 | C | n | 0 | ti | a | C | ll | gg | Α |
|-----------------------|---|---|---|---|-----|----|---|---|---|----|---|---|----|----|---|
|-----------------------|---|---|---|---|-----|----|---|---|---|----|---|---|----|----|---|

Applicant(s)/Patent under Reexamination

10/748,761

Examiner

PFLUEGER, D. RUSSELL

Art Unit

Steven O. Douglas

3771

| <b>√</b> | Rejected |
|----------|----------|
| <br> =   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| r <del></del> |          |            |  |                |              |              |          |                |              |          |
|---------------|----------|------------|--|----------------|--------------|--------------|----------|----------------|--------------|----------|
| Cla           | aim      | Date       |  |                |              |              |          |                |              |          |
| Final         | Original | 6/5/07     |  |                |              |              |          |                |              |          |
|               | 1        | v          |  |                |              |              |          |                |              |          |
|               | 2        | ٧          |  |                |              |              |          | Г              |              |          |
|               | 3        | v          |  |                |              |              |          | _              |              |          |
|               | 4        | ٧          |  |                |              |              |          |                |              |          |
|               | 5        | ٧          |  |                |              |              |          |                |              |          |
|               | 6        | ٧          |  |                |              |              |          |                |              |          |
|               | 7        | %          |  |                |              |              |          |                |              |          |
|               | 8        | %          |  |                |              |              |          |                |              |          |
| L             | 9        | %          |  |                |              |              |          |                |              |          |
|               | 10       | %          |  |                |              |              |          |                |              |          |
|               | 11       | %          |  |                | <u></u>      |              |          | L              |              |          |
|               | 12       | %          | <u> </u>   | <u> </u>       | <u> </u>     |              |          | <u> </u>       |              | Ш        |
|               | 13<br>14 | %          | <u> </u>   | <u> </u>       | <u> </u>     | <u> </u>     | ļ        | $\vdash$       | <u> </u>     | Щ        |
|               | 14       | V          |  | <u> </u>       | <u> </u>     |              | L.       | <u> </u>       | _            | Ш        |
| <u> </u>      | 15       | V          | _  |                | <u> </u>     | <u> </u>     |          | _              | <u> </u>     |          |
| <b></b>       | 16       | V          | ⊢  |                | _            | <u> </u>     |          | ⊢              | ┡            |          |
|               | 17       | ٧          | ├—   | _              | ├-           |              |          | ├_             | _            |          |
|               | 18       | V          | <u> </u>   |                | _            |              | -        |                |              |          |
| -             | 19       | V          | ⊢  | -              | _            | ├            |          | _              | <u> </u>     | $\vdash$ |
|               | 20<br>21 | \ <u>\</u> | -  | _              | -            | _            | <u> </u> | ├-             | -            | _        |
|               | 22       | -          | -  |                | -            | -            | _        |                | <u> </u>     | _        |
| <u> </u>      | 23       | _          |  | ┝              |              | ┝            |          | -              | $\vdash$     |          |
| <u> </u>      | 24       | $\vdash$   | —  | -              | -            |              |          |                |              |          |
| -             | 24<br>25 |            | _  | $\vdash$       | -            | <del> </del> |          | -              |              |          |
|               | 26       |            |  | $\vdash$       | -            | _            |          | _              | -            |          |
|               | 27       |            |  |                |              | -            |          | -              | -            |          |
|               | 28       |            |  | _              | $\vdash$     | _            | $\vdash$ |                | ┢            |          |
|               | 29       |            |  | _              |              | _            | -        |                | ┢            |          |
|               | 30       | ļ          |  |                |              |              | -        |                |              |          |
|               | 31       |            |  | Г              |              |              |          |                |              |          |
|               | 32       |            |  |                |              |              |          |                |              |          |
|               | 33       |            |  |                |              |              |          |                |              |          |
|               | 34       |            |  |                |              |              |          |                |              |          |
|               | 35       |            |  |                |              |              |          |                |              |          |
|               | 36       | _          |  | _              |              |              | $\Box$   | $\Box$         |              |          |
|               | 37       |            |  | _              |              | _            | _        |                | _            |          |
|               | 38       |            |  | <u> </u>       |              |              | <u> </u> |                |              |          |
| <u> </u>      | 39       | <u> </u>   | <u> </u>   | <u> </u>       | L.           | <u> </u>     | <u> </u> |                | ļ            |          |
| <u> </u>      | 40       |            | <u> </u>   | _              | ٠            | <u> </u>     |          | <u> </u>       | <u> </u>     |          |
|               | 41       | -          | <u> </u>   | _              | <b> </b> -   | <u> </u>     | <u> </u> | <u> </u>       | <u> </u>     |          |
|               | 42<br>43 | -          | $\vdash$   | -              | <del> </del> | <del> </del> |          |                | ├            | $\vdash$ |
| -             | 44       |            | $\vdash$   | $\vdash$       | ├─           |              |          | ⊢              |              | $\vdash$ |
| <u> </u>      | 45       | $\vdash$   | $\vdash$   | ├              | ├─           | $\vdash$     | $\vdash$ | ├—             | $\vdash$     |          |
|               | 46       | -          | <del>                                     </del> | <del> </del>   | $\vdash$     |              | _        | -              |              | $\vdash$ |
|               | 47       |            | <u> </u>   | $\vdash$       | -            | $\vdash$     | $\vdash$ | $\vdash$       | -            | $\dashv$ |
|               | 48       | $\vdash$   | _  | <del>  -</del> | $\vdash$     | H            | $\vdash$ | $\vdash$       | -            | $\vdash$ |
|               | 49       | -          |  | <del> </del>   | $\vdash$     | $\vdash$     | $\vdash$ | _              | <del> </del> | $\vdash$ |
|               | 50       |            |  | $\vdash$       |              |              | $\vdash$ | <del>  -</del> |              | $\vdash$ |
|               |          |            |  |                |              |              |          |                |              | $\Box$   |

| _ C16       | aim      | Date |              |  |              |          |              |              |                |              |
|-------------|----------|------|--------------|--|--------------|----------|--------------|--------------|----------------|--------------|
| Final       | Original |      |              |  |              |          |              |              |                |              |
|             | 51       |      |              |  |              |          | _            |              | L              | _            |
|             | 52       |      | $\vdash$     | <del> </del> —                                   |              | ⊢        | -            | <b>_</b>     | ⊢              | ┝            |
|             | 53       | _    | _            |  | -            | ⊢        | -            | _            | ⊢              | -            |
| <u> </u>    | 54       |      | <del> </del> | -  |              | -        |              |              | ⊢              | <del> </del> |
| -           | 55       | -    | $\vdash$     | -  | -            | _        |              | -            | -              | ┝            |
|             | 56       |      | <u> </u>     | ├  | $\vdash$     | -        | ├            |              |                | ⊢            |
| <u> </u>    | 57       |      |              | ⊢  |              | -        | ┝            |              |                | -            |
|             | 58       |      | _            | _  |              | -        | _            | $\vdash$     |                | ·            |
|             | 59       |      | -            | ┝  |              | ┢        | ┝            | <del> </del> |                |              |
| <u> </u>    | 60       |      |              | ┢  | -            | $\vdash$ | ┝            | ├            |                | $\vdash$     |
|             | 61       |      | _            | $\vdash$   |              | ├一       | -            | $\vdash$     | <del>-</del>   | -            |
| ·           | 62       | -    |              | <del>                                     </del> |              |          | ┢            |              |                |              |
|             | 63       | _    |              | T  |              |          | $\vdash$     | $\vdash$     | -              |              |
|             | 64       |      |              |  |              | _        | _            | $\vdash$     |                | _            |
|             | 65       |      |              | _  |              |          | $\vdash$     |              | Ė              |              |
|             | 66       |      |              |  |              |          | $\vdash$     |              |                |              |
|             | 67       |      |              |  |              |          |              |              |                |              |
|             | 68       |      |              |  |              |          |              |              |                |              |
|             | 69       |      |              |  |              |          |              |              |                |              |
|             | 70       |      |              |  |              |          |              |              |                |              |
|             | 71       |      |              |  |              |          |              |              |                |              |
|             | 72       |      |              |  |              |          | L            |              |                |              |
|             | 73       |      |              | _  | _            | <u> </u> |              |              |                |              |
|             | 74       |      |              |  |              | L_       |              |              |                |              |
|             | 75       |      |              | <u> </u>   | _            | <u> </u> |              | _            |                |              |
|             | 76       |      | _            | <u> </u>   |              | <u> </u> | <u> </u>     | <u> </u>     |                |              |
|             | 77       |      |              | <u> </u>   | _            | <u> </u> | <u> </u>     | _            | <u> </u>       | _            |
|             | 78       |      | _            | _  |              | _        | <u> </u>     | <u> </u>     | <u> </u>       | _            |
| -           | 79       | _    |              | -  | ├            |          |              | ⊢            | <del> </del> — |              |
| -           | 80       |      |              | -  |              |          |              | _            | <u> </u>       |              |
| <del></del> | 81<br>82 |      |              | _  | <del> </del> | -        | $\vdash$     | $\vdash$     | ├              |              |
|             | 83       | _    |              |  | $\vdash$     | <u> </u> | -            | $\vdash$     | $\vdash$       | _            |
|             | 84       |      |              | $\vdash$   | $\vdash$     | <u> </u> | $\vdash$     | <u> —</u>    | $\vdash$       | $\vdash$     |
|             | 85       |      |              | <del>                                     </del> | $\vdash$     |          | -            |              | <u> </u>       |              |
|             | 86       |      | -            | $\vdash$   |              |          | $\vdash$     | $\vdash$     | -              |              |
|             | 87       |      | _            | _  |              |          | _            | _            |                | _            |
|             | 88       |      |              |  |              | -        | $\vdash$     |              |                | _            |
|             | 89       |      |              |  |              |          |              |              |                |              |
|             | 90       |      |              |  | _            |          |              |              |                |              |
|             | 91       |      |              |  |              |          |              |              |                |              |
|             | 92       |      |              |  |              |          |              |              |                |              |
|             | 93       |      |              | <u> </u>   | <u> </u>     |          | $\Box$       |              | L              |              |
|             | 94       |      |              | <u> </u>   | Ц.           |          | L            | <u> </u>     |                |              |
| <u> </u>    | 95       |      |              | <u> </u>   | <u> </u>     |          | $oxed{oxed}$ |              | <u> </u>       | _            |
|             | 96       |      | _            | <u> </u>   | $\sqcup$     | <u> </u> | <u> </u>     | -            | <u> </u>       |              |
|             | 97       | _    |              | <u> </u>   | $\vdash$     | _        | $\vdash$     | <u> </u>     | <b> </b> -     |              |
|             | 98       | -    |              |  | $\vdash$     | <u> </u> | $\vdash$     | <u> </u>     | <u> </u>       |              |
|             |          |      |              |  |              |          |              |              |                |              |

| Cli      | aim                             |          |              |  | [  | Date         | <u>—</u>   |  |  |  |
|----------|---------------------------------|----------|--------------|--|--|--------------|--|--|--|--|
|          |                                 |          |              |  |  |              |  |  | Γ  |  |
| 교        | Original                        |          | ĺ            |  |  |              |  |  |  |  |
| Final    | rig                             | l        |              |  |  |              |  |  |  |  |
|          | 0                               |          | 1            |  |  |              |  |  |  |  |
|          | 101                             | _        | <del> </del> | $\vdash$   | $\vdash$   | $\vdash$     | <u> </u>   |  | <del>                                     </del> | $\vdash$   |
|          | 101<br>102                      |          | -            | ┢  | $\vdash$   |              | $\vdash$   |  |  | П  |
|          | 103                             | _        | _            | <del>                                     </del> | <del>                                     </del> | <u> </u>     | $\vdash$   |  |  | H  |
|          | 103<br>104                      |          | $\vdash$     | Т  | <del>                                     </del> | -            | <del>                                     </del> |  | <del>                                     </del> | Н  |
|          | 105                             |          |              |  |  |              |  |  |  | H  |
|          | 106                             |          | _            | ┢  | _  |              | $\vdash$   |  | $\vdash$   | Н  |
|          | 107                             | $\vdash$ |              |  |  |              |  | <del>                                     </del> | _  | H  |
|          | 108                             |          |              |  | l  | •            | <del>                                     </del> | $\vdash$   | _  | Н  |
|          | 109                             |          | _            | <del>                                     </del> | <u> </u>   |              | ┢  |  |  | H  |
|          | 110                             |          |              | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   |  |  | Н  |
|          | 111                             | _        |              | $\vdash$   |  |              | $\vdash$   |  |  | Н  |
|          | 112                             | $\vdash$ |              | $\vdash$   | <del> </del>                                     | Н            | Ι-   | $\vdash$   | <del>                                     </del> | $\vdash$   |
|          | 112<br>113                      |          |              | -  | $\vdash$   | Г            |  | <del>                                     </del> | <u> </u>   | <del>,                                    </del> |
|          | 114                             | _        | -            | <u> </u>   | <del> </del>                                     |              | 1  |  |  | H  |
|          | 115                             |          |              |  |  |              |  |  |  | H  |
|          | 115<br>116                      |          |              | <u> </u>   | $\vdash$   | $\vdash$     | ऻ  | <del>                                     </del> | <u> </u>   | $\vdash \vdash$                                  |
|          | 117                             | -        |              | _  | ┢╾   | $\vdash$     |  |  |  | H  |
|          | 118                             | _        |              | -  | -  |              | H  |  |  | H  |
| <u> </u> | 117<br>118<br>119               |          |              | -  | -  | H            | <del>                                     </del> | $\vdash$   | $\vdash$   | Н  |
|          | 120<br>121<br>122               |          |              | ╁  | $\vdash$   | <del> </del> | <u> </u>   |  |  | H  |
|          | 121                             |          |              | -  | $\vdash$   | _            | -  | -  |  | Н  |
|          | 122                             |          |              |  | $\vdash$   |              | H  | <del>                                     </del> | _  | М  |
| <b></b>  | 123                             |          |              |  | $\vdash$   |              | $\vdash$   |  |  | Н  |
|          | 123<br>124<br>125<br>126<br>127 | -        |              |  | <del>                                     </del> |              | $\vdash$   | $\vdash$   |  | Н  |
|          | 125                             |          | -            | <del>                                     </del> | 一  | _            | <u> </u>   | <del>                                     </del> |  | H  |
|          | 126                             |          | _            |  | Т  | _            | <del>                                     </del> | _  |  | $\vdash$   |
|          | 127                             |          |              |  | -  |              |  | _  |  |  |
|          | 128                             |          |              |  |  |              |  | $\vdash$   |  | П  |
|          | 129<br>130<br>131               |          |              |  |  |              | _  | $\vdash$   |  |  |
| ,        | 130                             |          |              |  |  |              |  | $\vdash$   |  | H  |
|          | 131                             |          | -            |  |  |              |  | $\vdash$   |  | Н  |
|          | 132                             |          | _            |  |  |              |  |  |  | П  |
|          | 132<br>133                      |          |              | Г  | П  |              | _  | $\vdash$   |  | П  |
|          | 134                             |          |              |  |  |              |  |  | Г  | П  |
|          | 135                             |          |              |  |  |              |  |  |  | П  |
|          | 135<br>136                      |          |              |  |  |              | <u> </u>   |  |  | П  |
|          | 137<br>138<br>139               |          |              |  |  |              |  |  |  | П  |
|          | 138                             |          |              |  |  |              |  |  |  | П  |
|          | 139                             |          |              |  |  |              |  |  |  |  |
|          | 140                             |          |              |  |  |              |  |  |  | П  |
|          | 141                             |          |              |  |  |              |  |  |  | П  |
|          | 142                             |          |              |  |  |              |  |  |  | П  |
|          | 143                             | _        | _            |  |  |              | <u> </u>   | <del>                                     </del> | l  |  |
|          | 144                             |          |              | Г  | П  | $\Box$       | $\Box$   | Г  | Г  | П  |
|          | 145                             |          | _            |  |  |              |  | $\overline{}$                                    | <u> </u>   | М  |
|          | 146                             |          |              |  |  |              |  |  |  | П  |
|          | 147                             |          |              | П  | П  |              |  | П  |  |  |
|          | 148                             |          |              |  |  |              |  |  |  | П  |
|          | 149                             |          |              |  |  |              |  |  |  | П  |
|          | 150                             |          | •            |  |  |              |  |  |  |  |
|          |                                 |          |              |  | -  |              | _  |  |  | -  |